

OK Scope

10/506,907R-5

Yong Chu 3-9-2007

\$%^STN;HighlightOn=;HighlightOff=;

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

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NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	OCT 23	The Derwent World Patents Index suite of databases on STN has been enhanced and reloaded
NEWS	4	OCT 30	CHEMLIST enhanced with new search and display field
NEWS	5	NOV 03	JAPIO enhanced with IPC 8 features and functionality
NEWS	6	NOV 10	CA/CAPLUS F-Term thesaurus enhanced
NEWS	7	NOV 10	STN Express with Discover! free maintenance release Version 8.01c now available
NEWS	8	NOV 20	CA/CAPLUS to MARPAT accession number crossover limit increased to 50,000
NEWS	9	DEC 01	CAS REGISTRY updated with new ambiguity codes
NEWS	10	DEC 11	CAS REGISTRY chemical nomenclature enhanced
NEWS	11	DEC 14	WPIDS/WPINDEX/WPIX manual codes updated
NEWS	12	DEC 14	GBFULL and FRFULL enhanced with IPC 8 features and functionality
NEWS	13	DEC 18	CA/CAPLUS pre-1967 chemical substance index entries enhanced with preparation role
NEWS	14	DEC 18	CA/CAPLUS patent kind codes updated
NEWS	15	DEC 18	MARPAT to CA/CAPLUS accession number crossover limit increased to 50,000
NEWS	16	DEC 18	MEDLINE updated in preparation for 2007 reload
NEWS	17	DEC 27	CA/CAPLUS enhanced with more pre-1907 records
NEWS	18	JAN 08	CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS	19	JAN 16	CA/CAPLUS Company Name Thesaurus enhanced and reloaded
NEWS	20	JAN 16	IPC version 2007.01 thesaurus available on STN
NEWS	21	JAN 16	WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS	22	JAN 22	CA/CAPLUS updated with revised CAS roles
NEWS	23	JAN 22	CA/CAPLUS enhanced with patent applications from India
NEWS	24	JAN 29	PHAR reloaded with new search and display fields
NEWS	25	JAN 29	CAS Registry Number crossover limit increased to 300,000 in multiple databases
NEWS	26	FEB 13	CASREACT coverage to be extended
NEWS	27	FEB 15	PATDPASPC enhanced with Drug Approval numbers
NEWS	28	FEB 15	RUSSIAPAT enhanced with pre-1994 records
NEWS	29	FEB 23	KOREAPAT enhanced with IPC 8 features and functionality
NEWS	30	FEB 26	MEDLINE reloaded with enhancements

NEWS 31 Feb 26 EMBASE enhanced with Clinical Trial Number field  
NEWS 32 Feb 26 TOXCENTER enhanced with reloaded MEDLINE  
NEWS 33 Feb 26 IFICDB/IFIPAT/IFIUDB reloaded with enhancements  
NEWS 34 Feb 26 CAS Registry Number crossover limit increased from 10,000  
to 300,000 in multiple databases

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items  
NEWS IPC8 For general information regarding STN implementation of IPC 8  
NEWS X25 X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that  
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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 15:29:10 ON 09 MAR 2007

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 15:29:26 ON 09 MAR 2007

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STRUCTURE FILE UPDATES: 8 MAR 2007 HIGHEST RN 925886-00-6

DICTIONARY FILE UPDATES: 8 MAR 2007 HIGHEST RN 925886-00-6

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TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

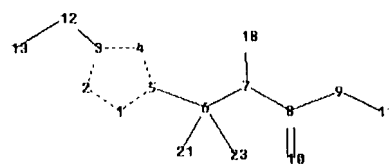
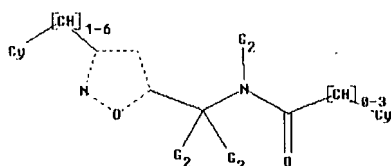
Please note that search-term pricing does apply when  
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<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Documents and Settings\ychu\Desktop\Case\10506907\10506907R-5.str



chain nodes :

6 7 8 9 10 11 12 13 18 21 23

ring nodes :

1 2 3 4 5

chain bonds :

3-12 5-6 6-7 6-21 6-23 7-8 7-18 8-9 8-10 9-11 12-13

ring bonds :

1-2 1-5 2-3 3-4 4-5

exact/norm bonds :

1-2 1-5 2-3 3-4 4-5 6-7 6-21 6-23 7-8 7-18 8-10 9-11 12-13

exact bonds :

3-12 5-6 8-9

G2:CH,H,Ak,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,PhO,C

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS 9:CLASS

10:CLASS

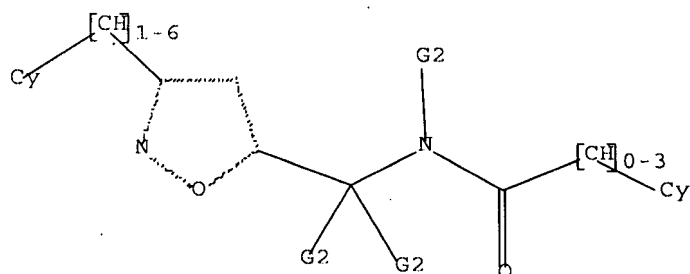
11:CLASS 12:CLASS 13:CLASS 18:CLASS 21:CLASS 23:CLASS

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



G1

G2 CH, H, Ak, MeO, EtO, n-PrO, i-PrO, n-BuO, i-BuO, s-BuO, t-BuO, PhO, C

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 15:29:56 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 211 TO ITERATE

100.0% PROCESSED 211 ITERATIONS

1 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 3349 TO 5091

PROJECTED ANSWERS: 1 TO 80

L2 1 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 15:30:01 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 4223 TO ITERATE

100.0% PROCESSED 4223 ITERATIONS

26 ANSWERS

SEARCH TIME: 00.00.10

L3 26 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

172.55

172.76

FILE 'CAPLUS' ENTERED AT 15:30:20 ON 09 MAR 2007

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FILE COVERS 1907 - 9 Mar 2007 VOL 146 ISS 12  
FILE LAST UPDATED: 8 Mar 2007 (20070308/ED)

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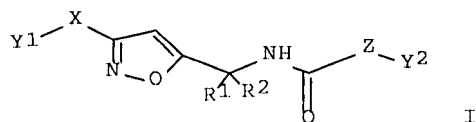
=> s l3

L4 2 L3

=> d ibib abs tot

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 2003:719462 CAPLUS Full-text  
DOCUMENT NUMBER: 139:246014  
TITLE: Preparation of substituted isoxazolyalkylamine derivatives as agricultural and horticultural fungicides  
INVENTOR(S): Shimozono, Noriko; Wada, Hiroshi  
PATENT ASSIGNEE(S): SDS Biotech K.K., Japan  
SOURCE: PCT Int. Appl., 235 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003074501	A1	20030912	WO 2003-JP2632	20030306
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2003221322	A1	20030916	AU 2003-221322	20030306
EP 1491535	A1	20041229	EP 2003-710257	20030306
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
US 2005171358	A1	20050804	US 2003-506907	20030306
PRIORITY APPLN. INFO.:			JP 2002-61835	A 20020307
			WO 2003-JP2632	W 20030306
OTHER SOURCE(S):	MARPAT 139:246014			
GI				

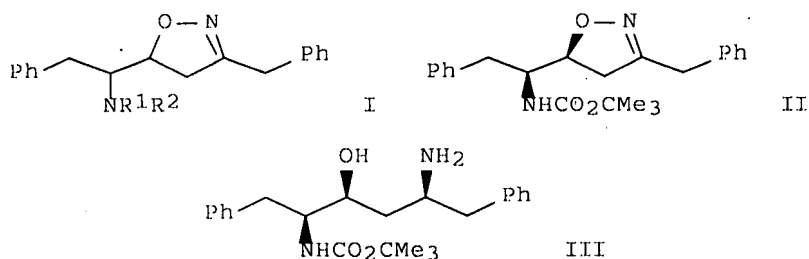


AB Title compds. I [R1 and R2 represents, for example, hydrogen or a substituted or unsubstituted alkyl; X represents, for example, a single bond or an alkylene; Y1 represents, for example, a substituted or unsubstituted lower alkyl, a substituted or unsubstituted cycloalkyl, a substituted or unsubstituted Ph or a substituted or unsubstituted heteroaryl; Y2 represents, for example, a substituted or unsubstituted cycloalkyl, a substituted or unsubstituted Ph or a substituted or unsubstituted heteroaryl; and Z represents, for example, a substituted or unsubstituted alkylene, -O-(substituted or unsubstituted alkylene)- or -NR-(substituted or unsubstituted alkylene)-], useful as fungicides, are prepd. For example, reaction of 5-aminomethyl-3-(2-chlorophenyl)isoxazole with Ph chloroformate in CH<sub>2</sub>Cl<sub>2</sub> in the presence of diisopropylethylamine at room temp. for 5 h gave Ph {[3-(2-chlorophenyl)-5-isoxazolyl]methyl}carbamate (II). II showed fungicidal activity against *Pyricularia oryzae* at 200 ppm.

REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1995:994518 CAPLUS Full-text  
 DOCUMENT NUMBER: 124:117296  
 TITLE: Preparation of 2-isoxazoline derivatives  
 INVENTOR(S): Murai, Yoshiyuki; Nishikawa, Masahiro; Ueda, Yoichiro;  
 Onomura, Osamu; Takase, Ichiro  
 PATENT ASSIGNEE(S): Daicel Chemical Industries, Ltd., Japan  
 SOURCE: PCT Int. Appl., 111 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9523793	A1	19950908	WO 1995-JP331	19950302
W: JP, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 748801	A1	19961218	EP 1995-910724	19950302
EP 748801	B1	20011219		
R: DE, FR, GB				
US 5750717	A	19980512	US 1996-702582	19960903
US 5962692	A	19991005	US 1997-976482	19971124
US 5994558	A	19991130	US 1997-976642	19971124
US 6018069	A	20000125	US 1999-320841	19990526
PRIORITY APPLN. INFO.:			JP 1994-56639	A 19940302
			JP 1994-183973	A 19940713
			WO 1995-JP331	W 19950302
			US 1997-976642	A3 19971124
OTHER SOURCE(S):			CASREACT 124:117296; MARPAT 124:117296	
GI				



AB The title 2-isoxazoline derivs. represented by general formula [I; R1, R2 = H, acyl, alkyloxycarbonyl, arylalkyloxycarbonyl, aryloxycarbonyl, alkylaminocarbonyl, arylalkylaminocarbonyl, arylaminocarbonyl, alkyl, arylalkyl, aryl, alkylsulfonyl, arylalkylsulfonyl, arylsulfonyl; or R1 and R2 are combined together to represent divalent acyl] are prepd. by cycloaddn. of phenylacetonitrile oxide with 3-amino-4-phenyl-1-butene  $\text{PhCH}_2\text{CH}(\text{NR}_1\text{R}_2)\text{CH}:\text{CH}_2$ . These 2-isoxazoline derivs. are reduced to give 2,5-diamino-1,6-diphenyl-3-hydroxyhexane derivs. represented by general formula  $\text{PhCH}_2\text{CH}(\text{NR}_1\text{R}_2)\text{CH}(\text{OH})\text{CH}_2\text{CH}(\text{NH}_2)\text{CH}_2\text{Ph}$ , which serve as intermediates for prepg. medicines such as retrovirus protease inhibitors including human immunodeficiency virus (HIV) protease inhibitors. Thus,  $\text{PhCH}_2\text{CH}:\text{NOH}$  was chlorinated by N-chlorosuccinimide in DMF at 15-17.degree. for 3 h to give  $\text{PhCH}_2\text{CCl}:\text{NOH}$  which was cyclocondensed with (S)-3-tert-butoxycarbonylamino-4-phenyl-1-butene in the presence of  $\text{Et}_3\text{N}$  in toluene at room temp. overnight to give a 7:3 mixt. of (5S,1'S)- and (5R,1'S)-3-phenylmethyl-5-(1'-tert-butoxycarbonylamino-2'-phenylethyl)-2-isoxazoline. The latter mixt. was refluxed with MeOH contg. p-TsOH.H<sub>2</sub>O 1.5 h to give a soln. contg. (5S,1'S)- and (5R,1'S)-3-phenylmethyl-5-(1'-amino-2'-phenylethyl)-2-isoxazoline p-toluenesulfonate, to which was added EtOAc and cooled and the pptd. crystals were filtered off and recrystd. twice from EtOH/EtOAc (1/2) to give 52.5% the optically active title oxazoline (5S,1'S)-3-phenylmethyl-5-(1'-amino-2'-phenylethyl)-2-isoxazoline (II) p-toluenesulfonate. (5S,1'S)-3-phenylmethyl-5-(1'-tert-butoxycarbonylamino-2'-phenylethyl)-2-isoxazoline was dissolved in MeOH and hydrogenated in the presence of 3%Pt-C at normal H pressure to give 36% (2S,3S,5R)-2-tert-butoxycarbonylamino-3-hydroxy-5-amino-1,6-diphenylhexane (III) and 7% (2S,3S,5R)-stereoisomer.

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---Logging off of STN---

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Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

FULL ESTIMATED COST	ENTRY 6.13	SESSION 178.89
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.56	-1.56

STN INTERNATIONAL LOGOFF AT 15:30:43 ON 09 MAR 2007